

<u>AUTHORS</u>	<u>MONTH</u>	<u>PAGE</u>
Wood, Dr J.T.	Jan	23
Singh, D. P.	Jan	17
Petracco, F.F.	Feb	56
McGowen, Ted	Mar	28
Bland, Frederick	Mar	45
Liddy, John	Mar	60
Stevenson, C.	Apr	25
Thomas, E.G.	Apr	25
Tingvall, Olle	Apr	12
Stemph, C.R.	Apr	32
Terry, Michael	Apr	42
Robertson, D & P	May	36
Singhal, Dr R.K.	Jun	40
Leaman, Dr D.E.	Jun	52
Brittingham, G.J.	Jul	30
Robertson, Derek	Aug	72
Woodcock, J.T.	Aug	14
Taylor, R. G.	Aug	60
Liddy, John C.	Sept	28
Osborn, A.J .	Oct	56
Singal, Dr R. K.	Oct	68
Lindkvits, Lars	Oct	92
Brittingham, G.J.	Nov	86
Liddy, John C.	Nov	100
Beattie, Alan	Dec	28
Mess, Kenneth	Dec	35

Editorial

Month

Page

The future is encouraging

Jan

9

Mount Isa Today

Feb

9

The currency crisis

Mar

9

A new future for the mining industry?

Apr

9

"Economic Nationalism" rears its head

May

11

Clear Field for mining

Jun

11

This time - a real boom!

Jul

11

How much ore?

Aug

11

The Mills of God

Sep

11

Looking at the labor problem

Oct

11

Australia's greatest natural resource company

Nov

11

More fuel for the lucky country

Dec

11

MEMO

Intention

Stratigraphy and economic potential of the  
Injune Creek group in the West oxide, by  
J.L. Woods

Nov

131

Industrial Archaeology, by G. M. K. Strick

Nov

131

A century of mining at Mount Bischoff,  
1871 - 1971, published by Tasmanian Dept of Mines

Nov

131

The Industrialists and the Aborigines, by  
Peter H. Rogers

Nov

131

Publications from the USA

Nov

131

Gasbotany and Diagenesis in Mineral  
Exploration, by R. R. Brock

Nov

131

<u>Article</u>	<u>Month</u>	<u>Page</u>
Asphalt haul roads bring advantages to mine operations	Jan	11
A study of bit-wear in rotary drag drilling, by D.P. Singh	Jan	17
Treatment of electrolytic zinc plant residue by the Jarosite process, by Dr J.T. Wood	Jan	23
Two hundred ton rear dumps to be made here	Jan	31
The founding of Mount Isa	Feb	1
Underground mining at Mount Isa	Feb	19
Australian designed loader for Mount Isa	Feb	25
Mechanisation at Mount Isa	Feb	29
Cut and fill stoping at Mount Isa	Feb	33
Stope filling at Mount Isa	Feb	34
Milling ore at Mount Isa	Feb	38
Copper ore treatment at Mount Isa	Feb	40
Copper smelter slag treatment at Mount Isa	Feb	43
Mount Isa's expansion program	Feb	44
Pollution control in the base metal mining industry - an integral approach, by F.F.Petracco	Feb	50
Tidal power could help mining industry	Feb	54
Large scale sapphire mining at Invereli	Mar	12
Cutter suction dredge can be dismantled to 12 ton loads	Mar	17
Papua-New Guinea's mining legislation	Mar	22
New ways to reduce excavation costs	Mar	27
Kalgoorlie gold mines 1895-1905, by Ted McGowan	Mar	28
O.K. Tedi is viable proposition	Mar	38
Clark announces new elevating scraper	Mar	41
All in six months' computer work at CRA, by Frederick Bland	Mar	45
Brazil - an increasing force in the mining world	Mar	54
The role of geochemistry in mineral exploration by John Liddy	Mar	60
Communication techniques today and tomorrow, by Olle Tingvall	Apr	12
Australian-built drum miner	Apr	16



<u>Article</u>	<u>Month</u>	<u>Page</u>
Cutting costs by using rubber-lined mills for grinding copper ore	Apr	20
In-course industrial training of mining engineering undergraduates by C. Stevenson and Dr E.G. Thomas	Apr	25
Noise attenuation and compressed air by C.R. Stempf	Apr	32
Continental drift - the new thing in geology	Apr	38
Gold then and now, by Michael Terry	Apr	42
Sub-level stoping with Twinring	Apr	54
Mining limonitic ore at Robe River	May	17
New handling techniques for tin concentrates	May	31
Sapphire and tin mining in the Inverell-Glen Innes district, by D. & P. Robertson	May	36
New 4500lb articulated tractor shovel	May	53
Science group probes problems in outback mining towns	May	58
Mining operations at Broken Hill	Jun	15
Determination of rock stress in evaporites by Dr R.K. Singhal	Jun	40
Exploration geophysics and company practice, by Dr D.E. Leaman	Jun	52
New scrubber reduces pollution	Jun	65
Australian Mining's list of operating hard rock mines	Jul	13
Largest Australian-designed and build mine ventilation fan	Jul	23
Record attendance at IMM conference	Jul	26
Continuous smelting and converting for copper and nickel technology, by G.J. Brittingham	Jul	30
The world's first dust sealed stone crushing plant	Jul	55
Mineral processing progress in Australasia, 1972 by J.T. Woodcock	Aug	14
Volvo demonstrates new range	Aug	57
In search of an ideal geologist, by R.G. Taylor	Aug	60
Materials handling by pumping methods	Aug	65
Research into new uses for mineral left-overs	Aug	67
Plate tectonism and the search for petroleum and base metals, by Derek Robertson	Aug	72
First plant at eneabba begins operation	Sep	14

<u>Articles (cont'd)</u>	<u>Month</u>	<u>Page</u>
Telephones and two-way radio for underground communication	Sep	20
Australian barytes potential, by John C. Liddy	Sep.	28
Uranium mining in the Northern Territory	Sep	40
Ore hoisting system for Mount Isa	Sep	48
New raise-boring equipment will accelerate underground development	Sep	62
Australian Mining's buyers' guide	Oct	15
Hardfacing in the mining industry, by A.J. Osborn	Oct	56
Determination of rock stress in evaporites, by Dr R.K. Singhal.	Oct	68
IFAC symposium in Sydney	Oct	85
Froth pumping	Oct	92
Quality of life in northern mining towns under examination	Oct	100
<b>BHP - the steelmaker</b>	Nov	18
<b>BHP - Australia's largest coal producer</b>	Nov	28
<b>Mining iron ore</b>	Nov	36
<b>Limestone mining for the steel industry</b>	Nov	46
<b>Manganese mining at Groote Eylandt</b>	Nov	51
<b>Australia's biggest oil and gas producer</b>	Nov	60
<b>How Comsteel serves the mining industry</b>	Nov	71
<b>BHP's mineral expansion program</b>	Nov	76
<b>Recently developed systems for copper production by G.J. Brittingham</b>	Nov	86
<b>Logistics planning of mineral exploration by John Liddy</b>	Nov	100
<b>New \$5 million copper rod mill for Port Kembla</b>	Nov	113
<b>Massive mining investment - key to Nuigini economic independence</b>	Nov	118
<b>G.A.K. - The Swedish office of mineworking studies</b>	Nov	124
<b>Copper mining at Cobar</b>	Dec	16
<b>Machine and process monitoring, by Alan Beattie</b>	Dec	28
<b>French computer checks mine roof conditions by Ken Moss</b>	Dec	35
<b>Coal takes over in Queensland</b>	Dec	42
<b>Top design award for Philips</b>	Dec	47

<u>Literature</u>	<u>Month</u>	<u>Page</u>
Problems and prospects in the coking industry, in the OECD countries, published by the Organisation for Economic Co-operation and Development	Jan	48
Geology of the Attean Quad-rangle by Arden L. Albee and Eugene L. Boudette	Jan	48
Stratigraphic drilling in the Surat and Bowen Basins, 1967-70, by A.R.G. Gray	Jan	48
Triassic miospores from the Esk Beds, by N.J. de Jersey	Jan	48
Principles of sampling effluent streams, published by Joy Mfrg., U.S.A.	Jan	48
Brush Transformers, published by Brush Transformers Ltd	Jan	48
Fuels rush in, by Robert Murray	Jan	48
Nickel country, gold country, by Norma King	Jan	48
Bibliography of the Bonaparte Gulf Basin, W.A. & N.T., by E. Nicholas	Jan	49
Marine Geology of the Huon Gulf region of New Guinea, by C.C. von der Borch	Jan	49
Geological Survey Research 1972, published by U.S. Department of the Interior	Jan	49
Mineral Resources Review, published by Dept of Mines, South Aust.	Jan	49
Standard curves for the magnetic anomalies due to spheres, published by Dept of National Development.	Jan	49
Catalogue of palaeontological type specimens located in the Dept. of Geology and Geophysics University of Sydney, by G.Z. Foldvary and J.L. Sanderson	Jan	49
Bibliography of the Clarence-Moreton Basin in N.S.W. and Queensland by S.J. Mayne	Jan	49
1:250,000 Geological series, published by Department of National Development	Jan	49
Proserpine, Queensland, published by Geological Survey of Queensland	Jan	49
A review of ground-water in the Murray Basin N.S.W., by G.S. Gibbons	Jan	49
Bibliography of the Canning Basin, W.A. by M.J. Paine	Jan	49
Lead batteries for auxiliary power supply, published by Aust. Lead Development Association	Feb	69



<u>Literature</u>	<u>Month</u>	<u>Page</u>
New data on Zettex high speed inverters and d/a converters, published by Racal Electronics	Feb	69
The Electric Industrial truck, published by Aust. Lead Development Association	Feb	69
ABMEX Buyers' Guide 1972-73, published by Association of British Mining equipment exporters.	Feb	69
Renmark, S.A. by J.B. Firman	Feb	69
Ulanwun Volcano, New Britain, by R.W. Johnson, R.A. Davies and A.J.R. White	Feb	69
Mineral exploration, mining and processing patents, 1971, by Oliver S. North	Mar	72
N.Z. Journal of geology and geophysics, published by Dept. of Scientific and Industrial Research, N.Z.	Mar	72
Sedimentological Studies on the Stairway Sandstone of Central Aust. by P.J. Cook	Mar	72
Central Mining Research Station, annual report 1971-2, published by C.M.R.S., India	Mar	72
Essays in Cornish Mining History - Vol 2, by D.B. Barton	Mar	72
The Hope Fault, by Raphael Freund	Mar	72
Metal Bulletin Handbook 1972, published by Metal Bulletin, Ltd, U.K.	Apr	63
Market Prospects for Liquefied Natural Gas, 1972-1990 by Edward Faridany	Apr	63
Geology and Hot Springs of Orakeikorako, by E.F. Lloyd	Apr	63
Stratigraphy of the Georgia Basin, by K.G. Smith	Apr	63
Redescription of the Fenestellid, by P.J.G. Fleming	Apr	63
Geology of the Western Blue Mountains, by R. Goldberg	Apr	63
International symposium on Jet Cutting Technology, published by B.H.R.A. Fluid Eng., U.K.	Apr	63
Ore dressing investigations, published by CSIRO, Western Australia	Apr	63
Parachilna, S.A., by B.G. Forbes	Apr	65
The Gundle Tin Deposits, North Coast Districts N.S.W., by D. McClatchie	Apr	65
Jet Pumps and Ejectors - a state of Art Review and Bibliography by S.T. Bonnington & A.L. King	Apr	65

Literature (cont'd)

	<u>Month</u>	<u>Page</u>
Industrial Minerals & Rocks 1970, by C.R. McLernon	Apr	65
Geology of the Eddystone, Taroom and Western part of Mundubbera Sheet Areas, Queensland, by R.G. Mollan, V.R. Forbes, A.R. Jensen, N.F. Exon and C.M. Gregory	May	64
Geological papers 1969, published by Dept. of National Development	May	64
Minerals Year Book Vol. 2, published by Bureau of Mines, U.S.A.	May	64
Regional and economic geology of the Herberton/Mt Garnet area - Herberton tin field, north Queensland, by D. Blake	May	64
Soil mechanics in foundation engineering, Vols. 1 and 2, by Z.Wilun & K. Starzewski	May	64
Commonwealth Mineral processing news - no.9 1972, published by Commonwealth Committee on Mineral Processing	May	64
Explanatory notes - Eucla-Noonaera and Scott, published by Bureau of Mineral Resources	May	64
Records of the Geological Survey of N.S.W., Vol.14, part 1, published by NSW Dept. of Mines	May	64
A commentary on the metallogenic map of Aust. and Papua-New Guinea, by R.G. Warren	May	65
Ludlovian and Gedinnian Conodont Stratigraphy of the Yass Basin, NSW, by A.G.Link & E.C.Druce	May	65
Minerals Yearbook 1970, published by U.S.A. Dept. of the Interior	May	65
Statistical summary of the mining industry, published by Institute of Geological Sciences	May	65
Colliery spoil tips - after Aberfan, published by U.K. institute of civil engineers.	May	65
Present methods of coke manufacture, by Henry Zielinski	May	65
International Tin council 1969/70, syatistical supplement, published by International Tin Council	June	82
Bibliography of North American Geology, 1969, published by Dept. of the Interior, U.S.A.	June	82
Botallack, by Cyril Noall	June	82
A report issued by the commission for Marine geology of the international union of geological sciences, 1971	June	82
The phanerozoic time-scale, special publication No.5, by Geological society of London	June	82



<u>Literature (cont'd)</u>	<u>Month</u>	<u>Page</u>
List of British Palaeontologists 1972, published by Palaeontologists Association	June	82
The Geodynamics project: evaluation of the potential U.K. Program 1971-1972, published by Royal Society's British National Committee for Geodynamics	June	82
Second International Dondwana Symposium, South Africa, July-August 1970, published by Geological Society of Sth. Africa	June	82
Geothermal Energy: review by F.C. Jaffe. Bull Ver Schweiz Petrol-Geol-U-Ing, 30 (93) Oct 1971, pp 17-40	June	82
Exploration Geochemistry Bibliography. Special vol. No.1 of E.A.G. printed by Association of Exploration Geochemists, Canada	June	82
Dispersing carbide hardsurfacing wire, published by B.W. Darrah, U.S.A.	Sept	70
Burdekin-Townsville survey, published by Department of National Development.	Sept	70
Mineral Data sheets to accompany metallurgical map, Bathurst 1:250,000, by B.P.J. Stevens	Sept	70
W.A. Geological study	Sept	70
Metallogenic Provinces and mineral deposits in the South West Pacific, published by Aust. Government, Canberra.	Sept	70
Lead, Zinc and Silver deopsits in W.A., Mineral resources bulletin No.9 by J.G. Blockley	Sept	70
Maps to aid exploration, published by Dept. of Minerals and Energy, Western Australia	Sept	70
Records of the Geological Survey of N.S.W., Vol.14, part II, by H.G. Raggatt, S.R. Lishmund and H.N. Bowman.	Sept	70
Geology of the middle cambrian phosphorites and associated sediments of north-west Queensland by F. De Keyser and P.J. Cook	Sept	70
Noise measurement techniques, by W.V. Rickings, U.K.	Sept	70
New manual on welding zinc coated steel, published by Aust. Zinc Development Association.	Sept	71
Tailing disposal today, by C.L. Aplin, M.E., & George O. Argall Jr, E.M.	Sept	71
Reports from Tasmania, by Tas. Dept. of Mines	Sept	71
Palaeontological Papers, by J.F. Rigby	Sept	71
Fastening zinc coated steel, published by Aust. Zinc Development Association	Sept	71

Literature (cont'd)

	<u>Month</u>	<u>Page</u>
Industrial turbine pump brochure, published by Gould Pumps, NSW	Sept	71
Report on Southern Coalfields, published by Geological Survey of N.S.W.	Sept	71
An introduction to mining, by L.J. Thomas	Oct	123
Soviet books on mining: The working of mineral deposits, by G. Popov; Excavation of mine openings, by D. Onika; Mine Ventilation, by A. Skockinsky and V. Komarov; Safety in opencast mining, by M. Melnikov and M. Chesnokov.	Oct	123
Tumbarumba mining history, published by Geological Survey of NSW	Oct	123
ABEM geophysical memorandum series, two new memoranda.	Oct	123
Lead mining in the mid-Pennines, by Arthur Raistrick	Oct	123
Minerals Yearbook, published by US Dept of Interior	Oct	123
Stratigraphy and economic potential of the Injune Creek group in the Surat Basin, by J.T. Woods	Nov	131
Industrial Archaeology, by Arthur Raistrick	Nov	131
A century of tin mining at Mount Bischoff, 1871 - 1971, published by Tasmanian Dept of Mines	Nov	131
The Industrialists and the Aborigines, by Peter H. Rogers	Nov	131
Publications from the USA	Nov	131
Geobotany and Biogeochemistry in Mineral Exploration, by R.R. Brooks	Nov	131

